

## Course progression map for 2023 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

### S2010 Bachelor of Applied Data Science

This outline is a guide only. The placement of units may be rearranged to provide flexibility in choice of elective units. The complete course requirements are specified in the University Handbook.

## October Intake

### YEAR 1

October 2023	<b>FIT1045 Intro to programming</b>	<b>MAT1830 Discrete mathematics for computer science</b>	<b>ENG1090 Foundation mathematics</b>	<b>Applied studies</b>
Sem 1, 2024	<b>ADS1001 Data challenges 1</b>	<b>FIT1008 Introduction to computer science</b>	<b>ENG1005 Engineering mathematics</b>	<b>Applied studies</b>

### YEAR 2

Sem 2, 2024	<b>ADS1002 Data challenges 2</b>	<b>FIT2086 Modelling for data analysis</b>	<b>Elective</b>	<b>Applied studies</b>
Sem 1, 2025	<b>ADS2001 Data challenges 3</b>	<b>MTH2019 Multivariate mathematics for data science</b>	<b>Free elective</b>	<b>Applied studies</b>

### YEAR 3

Sem 2, 2025	<b>ADS2002 Data challenges 4</b>	<b>FIT3181 Deep Learning</b>	<b>FIT3154 Advanced data analysis</b>	<b>MTH2051 Intro to computational mathematics</b>
Sem 1, 2026	<b>ADS 3001 Advanced data challenges</b>		<b>MTH3320 Computational linear algebra</b>	<b>MTH3330 Optimisation and operations research</b>

**Note:** Please contact the Education Management Office for your course progression map once you have selected your Applied Studies for guidance on unit enrolment.

Part A	Data challenges
Part B.1	Techniques for data science – Information technology
Part B.2	Techniques for data science – Mathematical Science units
Part C	Applied studies
Part D	Elective

Source: Monash University Handbook -  
CRICOS Provider Number: 099359F

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